UII CONS. N.M. DIV-Dist. 2

Form 3160-4 (September 2001) UNITED STATES

1301 W. Grand Avenue

FORM APPROVED OMB NO. 1004-0137

DEPARTMENT OF THE INTERIOR Artesia, NM 88210 **BUREAU OF LAND MANAGEMENT** Expires: January 31, 2004 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5 Lease Serial No. NM-17202 X Gas Well Other Oil Well Dry 1a. Type of Well 6. If Indian, Allottee or Tribe Name b. Type of Completion: New Well Work Over Plug Back Diff. Resvr., **RE-ENTRY** 7. Unit or CA Agreement Name and No. 2. Name of Operator Yates Petroleum Corporation 3a. Phone No. (include area code) 8. Lease Name and Well No. 3 Address 505-748-1471 105 S. 4th Str., Artesia, NM 88210 Short RM Deep Federal #5 4. Location of Well (Report location clearly and in accordance with Federal requirements) 3. API Well No 30-005-62938 1980'FSL & 990'FEL (Unit I, NESE) 1920 10. Field and Pool, or Exploratory At Surface Pecos Slope Abo 1. Sec., T.,R.,M., on Block and Same as above 9 At top prod. Interval reported below Survey or Area Section 25-T7S-R25E At total depth Same as above 12. County or Parish 13. State Chaves **New Mexico** 9/15/03 15. Date T.D.Reached 16. Date Completed 17. Elevations (DF.RKB,RT,GL)\* 14. Date Spudded 8/15/03 lo&a Ready to Prod. RE 8/3/03 3623'GL 3640'KB 5250 18. Total Depth: MD 19. Plug Back T.D.; MD 4105' 20. Depth Bridge Plug Set: MD NA NA NA TVD NA TVD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22 Was Well cored? X No Yes ( Submit analysis) X No Was DST run? ( Submit report) CNL, Hi-Res Laterolog Array, Borehole Compensated Sonic X No (Submit copy) Directional Survey? \_ Yes 23. Casing and Liner Record (Report all strings set in well) State Cementer No. of Sks & Slurry Vol. Hole Size Size/Grade Wt.(#/ft.) Top (MD) Bottm(MD) Depth Type of Cement (BBL) Cement Top\* **Amount Pulled** 17-1/2 13-3/8" 54.5# Surface 850 750 sx (In Place) 1500 12-1/4' Surface 7-7/8" 4-1/2" 11.6# 4105 Surface 1800 sx 800' (est) 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Packer Depth (MD) 25 . Producing Intervals 26. Perforation Record **Bottom** Formation Top Perforated Interval Size No. Holes Perf. Status Abo 3708 3956 A) B) See Attached Sheet C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 3708'-3956' Frac w/107,000g 55Q CO2 foamed 35# x-linked gelled 7% KCL water carrying 250,000# 16/30 Brady sand 28. Production - Interval A 2003 Date First Test Oil Test Hours Gas Oil Gravity Water Gas Production Method Produced Date Tested Production **BBL** MCF Gravity BBL Corr. API  $\Rightarrow$ 9/16/03 ARMANDO A. LOPEZ 24 0 1020 0 NA NA PETROLEUM ENGINEI 24 Hr Choke Tbg. Press Csq. Oil Gas Water Gas: Oil Well Status Size BBL MCF Press Rate BBI Ratio Flwg  $\Rightarrow$ 1/2" 150 psi NA 0 1020 0 NA SIWOPL 28a. Production-Interval B Date First Test Oil Oil Gravity Test Hours Gas Water Gas Production Method Produced Date Tested Production **BBL** MCF **BBL** Corr. API Gravity  $\Rightarrow$ Choke Tbg. Press 24 Hr. Oil Gas Gas: Oil Well Status Csg. Water Size Flwg. Press. Rate BBL MCF BBL Ratio 

32. Additional remarks (include plugging procedure):  33. Circle enclosed attachments:  1. Dectrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Survey  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Dither: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S	28b. Production	- Interval C									<del></del>
Choke Tug. Press. Csg. 24 Hr Oil Gas Water BBL MCF BBL Corr. AFI Gravity Gas Production Method Date Test Production BBL MCF BBL Corr. AFI Gravity Gas Production Method Choke Tug. Press. Csg. 24 Hr. Oil Gas Water Cli Gravity Gas Gas Visit Fug. Press. Csg. 24 Hr. Oil Gas Water Cli Gravity Gas Gas Visit Fug. Press. Csg. 24 Hr. Oil Gas Water Cli Gravity Gas Gas Visit Fug. Press. Csg. 24 Hr. Oil Gas Water Gas Visit Gas Visit Fug. Press. Csg. 24 Hr. Oil Gas Water Gas Visit Fug. Press. Csg. 24 Hr. Oil Gas Water Gas Visit Fug. Press. Gas Gas Visit Fug. Gas Vis	Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Size   Fiving   Press   Press   Press   Press   Press   Production   Production   Production   Production   Production   Production   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production   Method   Production   BBL   MCF   BBL   Corr. API   Gravity   Production   Corr. API   Gravity   Press	Produced	Date	Tested		BBL	MCF	BBL	Corr. API	Gravity		
28c. Production - Interval D   Date   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Production Method   Choke   Top   Press   Cag   24 Hr.   Oil   Gas   Water   Gas   Oil   Gas   Oil   Gas   Water   Gas   Oil   Gas   Oil   Corr. API   Gravity   Gravity   Oil   Gas   Gravity   Oil   Gas   Water   Gas   Oil   Gas   Water   Gas   Oil   Gas   Oil   Corr. API   Gravity   Gravity   Oil   Gas   Water   Gas   Oil   Gas   Oil   Corr. API   Gravity   Gravity   Oil   Gas   Water   Gas   Oil   Gas   Oil   Corr. API   Gravity   Gravity   Oil   Gas   Water   Gas   Oil   Gas   Water   Gas   Oil   Corr. API   Gravity   Gravity   Oil   Gas   Water   Gas   Oil   Corr. API   Gravity   Gas   Oil   Gas   Water   Gas   Oil   Corr. API   Gravity   Gravity   Gravity   Corr. API   Gravity   Gr	Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	is	
Test   Date First   Trest   Date   Trest   Production   BBL   MCF   BBL   Corr. API   Gravity   Gas   Gravity   Gas   Corr. API   Gravity   Gas   Ga					BBL	MCF	BBL				
Produced Date Tested Production BBL MCF BBL Corr. API Gravity  Choke Tbg Press. Csg. 24 Hr. Dil Gas Water Gas. Oil Well Status  29. Disposition of Cas (Sold; used for fuel, verted, etc.)  Sold if produced  30. Summary of Porous Zones (include Aquifers):  Thow all important zones of porosity and contents thereof: Cored intervals and all drill-stem sets, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Description, Contents, etc. Name Mea Spear 4  Cisco 4  Strawn 5  Pre-Cambrian 5  32. Additional remarks (include plugging procedure):  33. Circle enclosed attachments:  Description 1	28c. Production	- Interval D			<u> </u>	<u></u>	لــــــــــــــــــــــــــــــــــــــ		<u></u>	<del></del>	
Produced Date Tested Production BBL MCF BBL Corr. API Gravity  Choke Tbg. Press Csg. 24 Hr. Press. BBL MCF BBL Ratio Well Status  29. Disposition of Gas (Sold: used for fuel, vented, etc.)  Sold if produced  30. Summary of Porous Zones (include Aquifers):  Show all important zones of porosity and contents thereof: Cored intervals and all dill-stem sets, including depth interval tested, cushion used, time tool open. Rowing and shut-in pressures and recoveries.  Formation Top Bortom Description, Contents, etc. Name Mea Spear 4  Cisco 4  Spear 4  Cisco 3  Strawn 5  Pre-Cambrian 5  32. Additional remarks (include plugging procedure):  33. Circle enclosed attachments:  (I) Description/Description (include plugging procedure):  33. Circle enclosed attachments:  (I) Description/Description (include plugging procedure):  33. Circle enclosed attachments:  (I) Description/Descrip			Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Size   Ftwg   Press   Rate   BBL   MCF   BBL   Ratio    29. Disposition of Gas (Sold, used for fuel, vented, etc.)  Sold if produced   Sold, used for fuel, vented, etc.)  Show all important zones of porosity and contents thereof. Cored intervals and all drill-atem sets, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation   Top   Bottom   Description, Contents, etc.   Name   Mean of recoveries.  Formation   Top   Bottom   Description, Contents, etc.   Name   Mean of recoveries.  Abo   Abo   3   Wolfcamp   4   Spear   4   Spear   4   Spear   5   Strawn   5	Produced	Date	Tested		BBL	1		-	Gravity		
Size   Flwg.   Press.   Rate   BBL   MCF   BBL   Ratio    29. Disposition of Gas (Sold. used for fue), vented. etc.)  Sold if produced  30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation   Top   Bottom   Description, Contents, etc.   Name   Mean of recoveries.  Formation   Top   Bottom   Description, Contents, etc.   Name   Mean of recoveries.  Abo   Abo   3    Wolfcamp   4    Spear   4    Spear   4    Cisco   4    Strawn   5    Pre-Cambrian   5    32. Additional remarks (include plugging procedure):  33. Circle enclosed attachments:  Descrical/Mechanical Logs (1 full set regid.)   2. Geologic Report   3. DST Report   4. Directional Survey   5. Sundry Notice for plugging and cement verification   6. Core Analysis   Description   Deviation Survey    34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)   Tina Huerta   Title   Regulatory Compiliance    Title   Regulatory Compiliance   Regula	Choke	The Press.	Csa.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	ıs	
29. Disposition of Gas (Sold. used for fuel, vented, etc.) Sold if produced 30. Summary of Porous Zones (include Aquifers): Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem sets, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Description, Contents, etc.  Name  Mea  Abo  Wolfcamp  Spear  Cisco  4  Strawn  5  Pre-Cambrian  5  33. Circle enclosed attachments:  Description and remarks (include plugging procedure):  33. Circle enclosed attachments:  Description and remarks (include plugging procedure):  34. Intereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions).  Tina Huerta  Title Regulatory Compliance S		1		Rate	1						
30. Summary of Porous Zones (Include Aquifers):  Show all important zones of porosity and contents thereof. Cored intervals and all drill-sterm tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Description, Contents, etc.  Name  Mea  Abo  31. Formation (Log) Markers  Mea  Abo  33. Wolfcamp  4. Spear  4. Cisco  4. Strawn  5. Pre-Cambrian  5. Pre-Cambrian  32. Additional remarks (include plugging procedure):  33. Circle enclosed attachments:  (Description/Mechanical Logs (1 full set req'd.))  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Dither: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compiliance S	29. Disposition	of Gas <i>(Sold, ι</i>	used for fuel, v	<u> </u>	<u> </u>		<u> </u>		<u> </u>		
31. Formation (Log) Markers  32. Additional remarks (include plugging procedure):  32. Additional remarks (include plugging procedure):  33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Title Regulatory Compliance States  Title Regulatory States  Title Regulatory Compliance States  T	Sold if produ	uced									
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem ests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Description, Contents, etc.  Name  Mea  Abo  Abo  Spear  4  Cisco  4  Strawn  5  Pre-Cambrian  5  33. Circle enclosed attachments:  (1_Dectrical/Mechanical Logs (1 full set reg'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7_Dither: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions).  Tina Huerta  Title Regulatory Compliance Strawn  Title Regulatory Complia			s (include Aqu	ifers):					31. Forma	tion (Log) Markers	
Abo Wolfcamp 4 Spear 4 Cisco 4 Strawn 5 Pre-Cambrian 5  33. Circle enclosed attachments:  1. Dectrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* Name(please print) Tina Huerta Title Regulatory Compliance S	Show all importests, including	rtant zones of	porosity and	contents thereo							
Abo Wolfcamp Spear 4 Spear Cisco 4 Strawn 5 Pre-Cambrian 5  Pre-Cambrian 5  2. Additional remarks (include plugging procedure):  3. Circle enclosed attachments: 1. Dectrical/Mechanical Logs (1 full set reg'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 ther: Deviation Survey  3.4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print) Tina Huerta Title Regulatory Compliance S	F	ormation		Тор	Bottom	Desc	ription, Co	ntents, etc.		Name	Top Mass Donth
Wolfcamp Spear 4 Cisco 4 Strawn 5 Pre-Cambrian 5  33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Dither: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)* Name(please print)									Abc		Meas Depth
Spear Cisco 4 Strawn 5 Pre-Cambrian 5  2. Additional remarks (include plugging procedure):  33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)				ļ							3686'
Cisco Strawn 5  Pre-Cambrian 5  33. Circle enclosed attachments:  (1 Dectrical/Mechanical Logs (1 full set reg'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Dither: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print) Tina Huerta Title Regulatory Compliance S									1	mp	4429'
Strawn Pre-Cambrian  5.  33.Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S			1	1							4672'
2. Additional remarks (include plugging procedure):  3. Circle enclosed attachments:  1. Dectrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4. Directional Survey  5. Sundry Notice for plugging and cement verification  6. Core Analysis  7. Other: Deviation Survey  4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S									Cisco		4900'
2. Additional remarks (include plugging procedure):  3. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  tame(please print)  Tina Huerta  Title Regulatory Comptiance S									Strawn		5003'
2. Additional remarks (include plugging procedure):  3. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Determined from all available records (see attached instructions)*  Attackpress print)  Tina Huerta  Title Regulatory Comptiance S			i						Pre-Car	mbrian	5057'
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey					1						
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey											
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey											
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey			j		İ						
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey											
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey									İ		
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey				-	4				1		
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey											
33. Circle enclosed attachments:  (1. Dectrical/Mechanical Logs (1 full set req'd.)  5. Sundry Notice for plugging and cement verification  6. Core Analysis  (7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance See 1. Deviation Survey	32. Additional re	emarks (includ	le plugging pro					·	<u> </u>		
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S			o proggang pro								
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											•
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											
1. Dectrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey 64. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print) Tina Huerta Title Regulatory Compliance S											
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print)  Tina Huerta  Title Regulatory Compliance S											
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print) Tina Huerta Title Regulatory Compliance S	33.Circle enclos	sed attachmen	nts:								700-70-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: Deviation Survey  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print) Tina Huerta Title Regulatory Compliance S	(1. E)ectrical/I	Mechanical Lo	gs (1 full set n	eq'd.)	2. Geologia	Report		3. DST Repor	t 4. Dire	ectional Survey	
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name(please print) Tina Huerta Title Regulatory Compliance S	$\smile$				-			- '		•	
Name(please print) Tina Huerta Title Regulatory Compliance S	3. Sullary 140	nice for pluggi	ng and cemen	it verification	o. oole All	aiysis	(	7. puller. De	VIALION SULV	ey	
4	34. I hereby cer	rtify that the for	regoing and a	ttached information	on is complete	and com	ect as dete	rmined from all	available re	ecords (see attached i	instructions)*
Signature Date September 19, 20	Name(please p	rint)	···		Tina Huert	a			Title	Regulatory Cor	mpliance Supervis
)	Signature Line Huerta							Date	September 19, 2003		
			2						_		
Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	itle 18 U.S.C.	Section 1001	and Title 43 (	J.S.C. Section 12	12, make it a	crime for	any persoi	n knowingly and	willfully to r	make to any departme	ent or agency of the Uni

Yates Petroleum Corporation Short RM Deep Federal #5 Section 25-T7S-R25E Chaves County, New Mexico

## Form 3160-4 continued:

26. Perforation Record						
Perforated Interval	Size	No. Holes	Perf Status			
3708'-3715'			Producing			
3736'-3738'			Producing			
3746'-3750'			Producing			
3790'-3792'			Producing			
3804'-3806'			Producing			
3813'-3816'			Producing			
3840'-3847'			Producing			
3852'-3868'			Producing			
3872'-3874'			Producing			
3878'-3882'			Producing			
3902'-3908'			Producing			
3936'-3944'			Producing			
3952'-3956'			Producing			

OPERATOR:

YATES PETROLEUM CORP.

WELL/LEASE: SHORT RM DEEP FED. 5

COUNTY:

**CHAVES** 

STATE OF NEW MEXICO **DEVIATION REPORT** 

049-0021

3,500	1/2
4,536	1/2
4,976	1/2
5,250	1/2

STATE OF TEXAS

**COUNTY OF MIDLAND** 

The foregoing instrument was acknowledged before me on this 27th day of August, 2003, by

Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Public for Midland County/Texas

My Commission Expires: 4/08/2007

JONI D. HODGES NOTARY PUBLIC STATE OF TEXAS My Comm. Expires 4-8-2007